

Johnson, Sabrina O

From: John Arnold <john.phillip.arnold@gmail.com>
Sent: Tuesday, February 1, 2022 9:59 AM
To: SWD_Waste
Cc: Madden, Melissa
Subject: WACS 87895 Enterprise Road CLIII Landfill Gas 4Q21 Report
Attachments: ARM Q4 2021 LEL Gas Letter Final.pdf

EXTERNAL MESSAGE

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The 4Q21 landfill gas report is attached (sampled on 11/16/21 by Mr. Mike Smith with Locklear and Associates, Inc.).

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John Arnold, P.E.
Ph. (813) 477-1719

LANDFILL GAS MONITORING RESULTS
ENTERPRISE CLASS III LANDFILL - 2021, 4th Quarter

General Data

Date:	11/16/2021	Sampler:	Mike Smith
Air Temperature	78 F	Measuring Device:	Landtec GEM 5000

Station I.D.	Peak Recorded Concentration as % LEL	Comments
GP-1	0.0	Not installed at this time
GP-2	0.0	Not installed at this time
GP-3	0.0	Not installed at this time
GP-4R	0.0	
GP-5	0.0	
GP-6R	0.0	
GP-7R	0.0	
GP-8R	0.0	
GP-9R	0.0	
GP-10R	0.0	
GP-11R	0.0	
GP-12R	0.0	
GP-13R	0.0	
GP-14R	3.5	
GP-15	0.0	
GP-16	0.0	Not installed at this time
Scale House	0.0	



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

1790 Corporate Drive
Suite 300
Norcross, GA 30093
Toll-free: (800) 842-1088

Pine Environmental Services, Inc.

Instrument ID 47811
Description GEM5000
Calibrated 11/17/2021 11:55:40AM

Manufacturer CES Landtec	State Certified
Model Number GEM5000	Status Pass
Serial Number/ Lot Number G506883	Temp °C 23
Location Georgia	Humidity % 47
Department	

Calibration Specifications

Calibration Specifications							
Group # 1				Range Acc %	0.0000		
Group Name Methane				Reading Acc %	3.0000		
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
50.0 / 50.0	%Volume	50.0	%Volume	49.8	50.0	0.00%	Pass
Group # 2				Range Acc %	0.0000		
Group Name Carbon Dioxide				Reading Acc %	3.0000		
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
35.0 / 35.0	%Volume	35.0	%Volume	34.7	35.0	0.00%	Pass
Group # 3				Range Acc %	0.0000		
Group Name Oxygen				Reading Acc %	3.0000		
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
20.9 / 20.9	%	20.9	%	20.2	20.9	0.00%	Pass
Group # 4				Range Acc %	0.0000		
Group Name Hydrogen Sulfide				Reading Acc %	3.0000		
Stated Accy Pct of Reading				Plus/Minus 0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
50 / 50	PPM	50	PPM	51	50	0.00%	Pass
Group # 5				Range Acc %	0.0000		
Group Name Carbon Monoxide				Reading Acc %	3.0000		
Stated Accy Pct of Reading				Plus/Minus 0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1000 / 1000	PPM	1000	PPM	1,032	1,000	0.00%	Pass